

CLAIMS

What is claimed is:

- 1 1. A method, comprising:
 - 2 connecting at least one remote monitoring digital processing
 - 3 system to at least one monitored digital processing system; and
 - 4 executing at least one diagnostic program on the remote
 - 5 monitoring digital processing system to generate diagnostic information
 - 6 relating to the monitored digital processing system.
- 1 2. The method of claim 1, wherein connecting comprises establishing
 - 2 a secure connection between the remote digital processing system and the
 - 3 monitored digital processing system.
- 1 3. The method of claim 2, wherein establishing a secure connection
 - 2 comprises establishing a connection using Secure Shell.
- 1 4. The method of claim 2, wherein executing comprises constructing
 - 2 at least one string containing at least one command to be run on the
 - 3 monitored digital processing system.
- 1 5. The method of claim 4, wherein constructing comprises
 - 2 constructing within a remote probe residing on the remote monitoring
 - 3 digital processing system at least one string containing at least one
 - 4 command to be run on the monitored digital processing system.

1 6. The method of claim 5, wherein executing further comprises
2 sending the string from the remote monitoring digital processing system
3 to the monitored digital processing system.

1 7. The method of claim 6, wherein sending comprises sending the
2 string from the remote probe to the monitored digital processing system
3 through the secure connection.

1 8. The method of claim 6, wherein executing further comprises
2 running the command on the monitored digital processing system.

1 9. The method of claim 8, wherein running the command comprises
2 running the command within a daemon residing on the monitored digital
3 processing system.

1 10. The method of claim 9, wherein the daemon is a Secure Shell
2 daemon.

1 11. The method of claim 5, further comprising collecting within the
2 remote monitoring digital processing system the diagnostic information
3 relating to the monitored digital processing system.

1 12. The method of claim 11, wherein collecting comprises collecting
2 within the remote probe the diagnostic information.

1 13. The method of claim 11, further comprising interpreting within the
2 remote monitoring digital processing system the diagnostic information.

1 14. The method of claim 13, wherein interpreting comprises
2 interpreting within the remote probe the diagnostic information.

1 15. An apparatus, comprising:
2 means for connecting at least one remote monitoring digital
3 processing system to at least one monitored digital processing system; and
4 means for executing at least one diagnostic program on the remote
5 monitoring digital processing system to generate diagnostic information
6 relating to the monitored digital processing system.

1 16. The apparatus of claim 15, further comprising means for
2 establishing a secure connection between the remote monitoring digital
3 processing system and the monitored digital processing system.

1 17. The apparatus of claim 15, further comprising means for collecting
2 within the remote monitoring digital processing system the diagnostic
3 information relating to the monitored digital processing system.

1 18. The apparatus of claim 17, further comprising means for
2 interpreting within the remote monitoring digital processing system the
3 diagnostic information.

1 19. An apparatus, comprising:
2 a remote monitoring digital processing system;
3 a remote probe residing on the remote monitoring digital
4 processing system; and

5 a monitored digital processing system coupled with the remote
6 monitoring digital processing system.

1 20. The apparatus of claim 19, further comprising a scheduler residing
2 on the remote digital processing system.

1 21. The apparatus of claim 20, wherein the remote probe is coupled
2 with the scheduler.

1 22. The apparatus of claim 21, further comprising a daemon residing
2 on the monitored digital processing system.

1 23. The apparatus of claim 22, wherein the daemon is a Secure Shell
2 daemon.

1 24. The apparatus of claim 19, further comprising a UNIX operating
2 system running on the remote monitoring digital processing system.

1 25. The apparatus of claim 19, wherein the monitored digital
2 processing system is coupled with the remote monitoring digital
3 processing system through a secure connection.

1 26. The apparatus of claim 25, wherein the secure connection is a
2 Secure Shell connection.

1 27. The apparatus of claim 25, further comprising at least one string to
2 be sent from the remote probe to the monitored digital processing system
3 through the secure connection, the string containing at least one command
4 to be run on the monitored digital processing system to generate

5 diagnostic information relating to the monitored digital processing
6 system.

1 28. A machine readable medium having stored thereon instructions,
2 which when executed by a processor, cause the processor to perform the
3 following:

4 connecting at least one remote monitoring digital processing
5 system to at least one monitored digital processing system; and
6 executing at least one diagnostic program on the remote
7 monitoring digital processing system to generate diagnostic information
8 relating to the monitored digital processing system.

1 29. The machine readable medium of claim 28, wherein the processor
2 further performs collecting within the remote monitoring digital
3 processing system the diagnostic information relating to the monitored
4 digital processing system.

1 30. The machine readable medium of claim 29, wherein the processor
2 further performs interpreting within the remote monitoring digital
3 processing system the diagnostic information.

1 31. The machine readable medium of claim 28, wherein the instruction
2 stored thereon are configured to run on a UNIX operating system.